

# Earth Observing System Clearing House - ECHO

ECHO has been replaced by the [Common Metadata Repository \(CMR\)](#), a high-performance, high-quality, continuously evolving metadata system that catalogs all data and service metadata records for the EOSDIS system and will be the authoritative management system for all EOSDIS metadata.

The information contained within this ECHO wiki is now archived for historical reference. Please navigate to the [CMR wiki pages](#), or to the [CMR Overview page](#) on [Earthdata](#).

## Synopsis

NASA's Earth Science Data Information Systems (ESDIS) program is responsible for providing access to Earth Observation data and services to an ever-growing user community. That user community includes Earth Scientists, Educators, other government agencies, decision makers and citizens in general. Data and services are provided to this community via [ECHO](#) (Earth Observing System (EOS) Clearing House)'s APIs and clients.

The NASA-developed Earth Observing System (EOS) Clearing House (ECHO) is a spatial and temporal metadata registry and order/service broker built by NASA's [Earth Science Data and Information System \(ESDIS\)](#) that enables the science community to more easily use and exchange NASA's data and services. ECHO's main objective is to enable broader use of NASA's EOS data. It allows users to more efficiently search and access data and services and increases the potential for interoperability with new tools and services. The value of these resources increases as the potential to exchange and interoperate increases. ECHO has been working with other organizations to provide their Earth science metadata alongside NASA's for users to search and access. ECHO stores metadata from a variety of science disciplines and domains, including Climate Variability and Change, Carbon Cycle and Ecosystems, Earth Surface and Interior, Atmospheric Composition, Weather, and Water and Energy Cycle.

What is ECHO?

### Documentation

- [ECHO REST Search Guide](#)
- [ECHO REST Ingest Guide](#)
- [ECHO REST Management Guide](#)
- [ECHO Client Partner User Guide](#)
- [ECHO Data Partner User Guide](#)
- [Reverb Tutorial](#)
- [ECHO Access tutorial](#)
- [Where is my ingested data?](#)
- [Managing an ECHO provider](#)

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